

Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

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1. (original) A method of transmitting comprising:
- detecting the start of an information segment being generated in real-time;
- editing and buffering the information segment or a first representation thereof to produce a second representation; and
- after transmission resources have been allocated, starting to transmit the second representation;
- whereby the editing and buffering is done to compensate for transmission resource allocation delays.
2. (original) The method of claim 1 wherein editing and buffering comprises editing and then buffering.
3. (original) The method of claim 2 wherein editing is done on the information segment to produce a shortened information segment.
4. (original) The method of claim 2 wherein editing is done on the first representation which is a framed version of the information segment to produce a shortened information segment.
5. (original) The method of claim 3 wherein buffering is done on the shortened information segment to produce the second representation.
6. (original) The method of claim 3 wherein buffering is done on a frame version of the shortened information segment to produce the second representation.
7. (original) The method of claim 1 wherein buffering and editing comprises buffering and
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then editing.

8. (original) The method of claim 7 wherein buffering is done on the information segment to produce a buffered information segment.
9. (original) The method of claim 7 wherein buffering is done on the first representation which is a framed version of the information segment to produce a buffered information segment.
10. (original) The method of claim 8 wherein editing is done on the buffered information segment to produce a shortened information segment.
11. (original) The method of claim 8 wherein editing is done on the first representation which is a framed version of the buffered information segment to produce a shortened information segment.
12. (original) The method of claim 1 wherein upon detecting the start of the information segment, the method further comprises immediately requesting transmission resources to transmit the information segment.
13. (original) The method of claim 6 wherein editing the information segment to produce a shortened information segment comprises time compressing the information segment.
14. (currently amended) The method of claim ~~[[14]]~~ 13 wherein time compressing the information segment comprises removing repetitions and/or short pauses present in the segment.
15. (original) The method of claim 1 wherein before transmitting the second representation, the method further comprises passing the second representation through a frame erasure concealment unit to prevent corruption.
16. (original) The method of claim 15 wherein before transmitting the second representation, the method further comprises placing the second representation in one or more packets for transmission.
17. (original) The method of claim 1 applied to a multi-access system.

18. (original) The method of claim 17 wherein the multi-access system is a multi-access wireless system.
19. (original) The method of claim 18 wherein the information segment is transmitted from a mobile station to a base station.
20. (original) The method of claim 19 wherein the transmission resources consist of one or more information channels.
21. (original) The method of claim 20 wherein each information channel is a radio frequency (RF) channel.
22. (original) The method of claim 1 wherein the information segment is a speech segment.
- AI 23. (original) The method of claim 4 wherein editing the framed version of the information segment to produce a shortened information segment comprises removing redundant frames.
24. (original) The method of claim 23 wherein removing redundant frames comprises removing frames which contain repetitions and/or short pauses.
25. (original) The method of claim 24 wherein before transmitting the second representation, the method further comprises passing the second representation through a frame erasure concealment unit to prevent corruption.
26. (original) The method of claim 25 wherein before transmitting the second representation, the method further comprises placing the second representation in one or more packets for transmission.
27. (original) An apparatus to transmit information, the apparatus comprising:
- an information detector operable to detect incoming information segments to transmit;
 - an information editor operable to edit each information segment detected so as to produce a respective shortened information segment;

a buffer operable to buffer each shortened information segment until transmission resources are allocated to produce a buffered information segment; and

a transmitter operable to transmit each buffered information segment.

28. (original) The apparatus of claim 27 wherein for editing each information segment detected so as to produce a respective shortened information segment, the information editor is operable to time compress each information segment.

29. (original) The apparatus of claim 27 further comprising a coder connected to the information editor and operable to code each shortened information segment into a respective plurality of frames.

30. (original) The apparatus of claim 27 applying to a multi-access system.

31. (original) A wireless transmitter comprising the apparatus of claim 30.

32. (original) A mobile station comprising the wireless transmitter of claim 31.

33. (original) The apparatus of claim 27 wherein each information segment is a speech segment.

34. (original) The apparatus of claim 33 wherein the information detector is a voice activity detector, the information editor is a speech pause/edit unit and the coder is a speech coder.

35. (original) The apparatus of claim 34 further comprising a frame erasure concealment unit connected to receive each speech segment buffered and operable to prevent corruption before transmission.

36. (original) The apparatus of claim 35 further comprising a protocol handler connected between the frame erasure concealment and the transmitter, the protocol handler being operable to place each speech segment buffered in one or more packets for transmission to the second node.

37. (original) The apparatus of claim 27 further comprising a coder operable to code each information segment detected into a respective plurality of frames.

AI 38. (original) The apparatus of claim 37 wherein for editing each information segment detected so as to produce a respective shortened information segment, the information editor is operable for each information segment to remove redundant frames from the respective plurality of frames.
